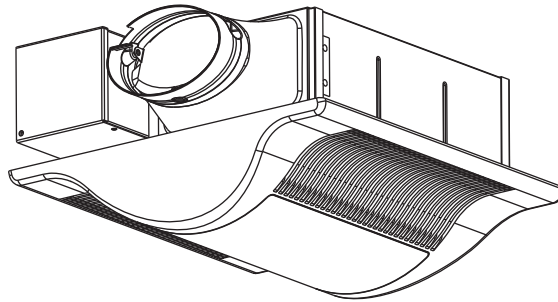


# Service Manual

Super Quiet Ventilating Fan/Light Combination

Whisper Value-Lite™  
(North America Market)

FV-08VSL2  
FV-10VSL2



## SPECIFICATIONS

Model	Air direction	Voltage (V)	Frequency (Hz)	Duct diameter (inches)	Noise (sones)	Power consumption (W)			Speed (rpm)	Air deliver at 0.1" WG (cfm)	Weight lb.(kg)
						Fan body	Lighting unit				
							Fluorescent lamp	Night lamp			
FV-08VSL2	Exhaust	120	60	4	1.3	26	32	4	805	80	13 (5.9)
FV-10VSL2	Exhaust	120	60	4	1.5	34	32	4	880	100	13 (5.9)

HVI Certified performance based on HVI Procedures 915, 916 and 920.



### WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

### IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacture.

We suggest to handle such parts after the static electricity prevention.

It is forbidden to touch the PCB parts by bare hands during the repairing process.

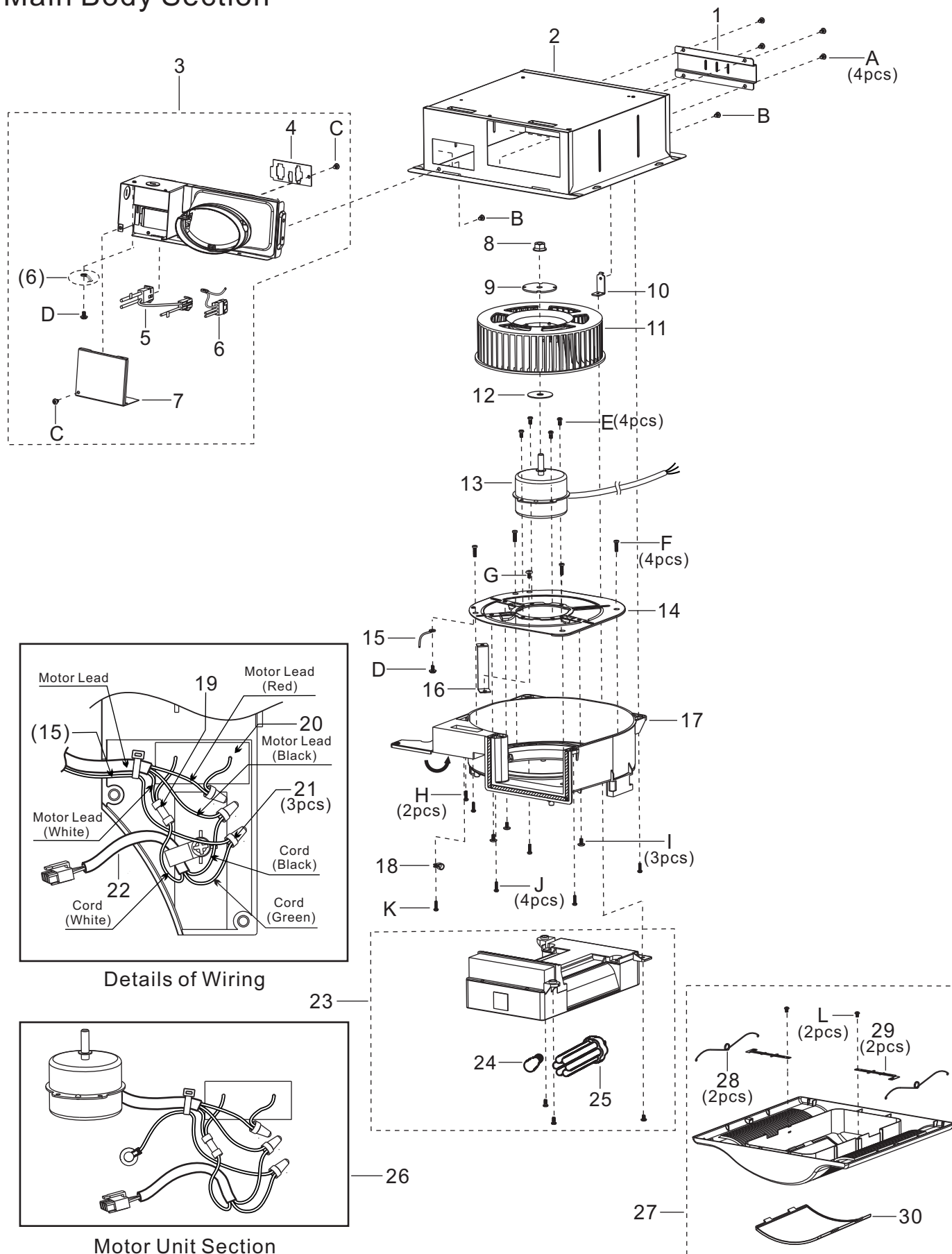
## CONTENTS

	PAGE
1 Parts Identification-----	1~2
2 Wiring Diagram-----	3
3 Parts List-----	4~7

# 1 Parts Identification

FV-08VSL2  
FV-10VSL2

## Main Body Section



# 1 Parts Identification

FV-08VSL2  
FV-10VSL2

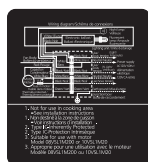
## Main Labels



31



34



32



35



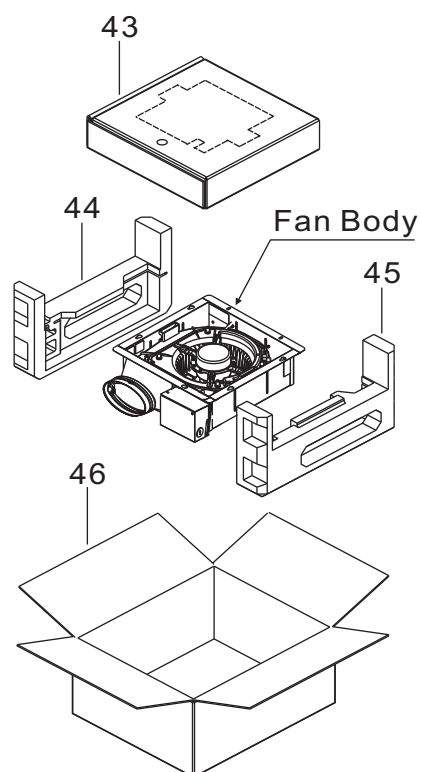
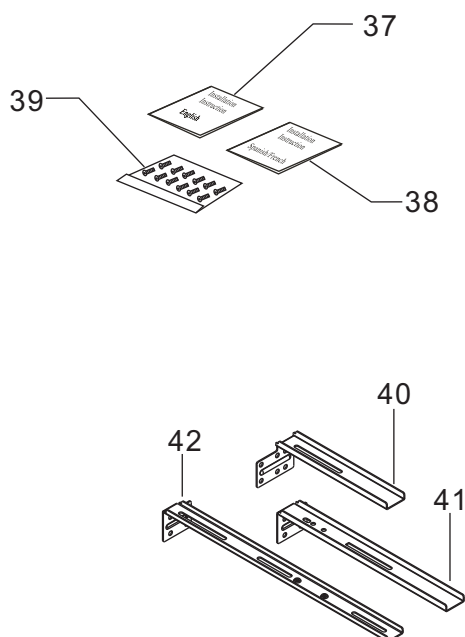
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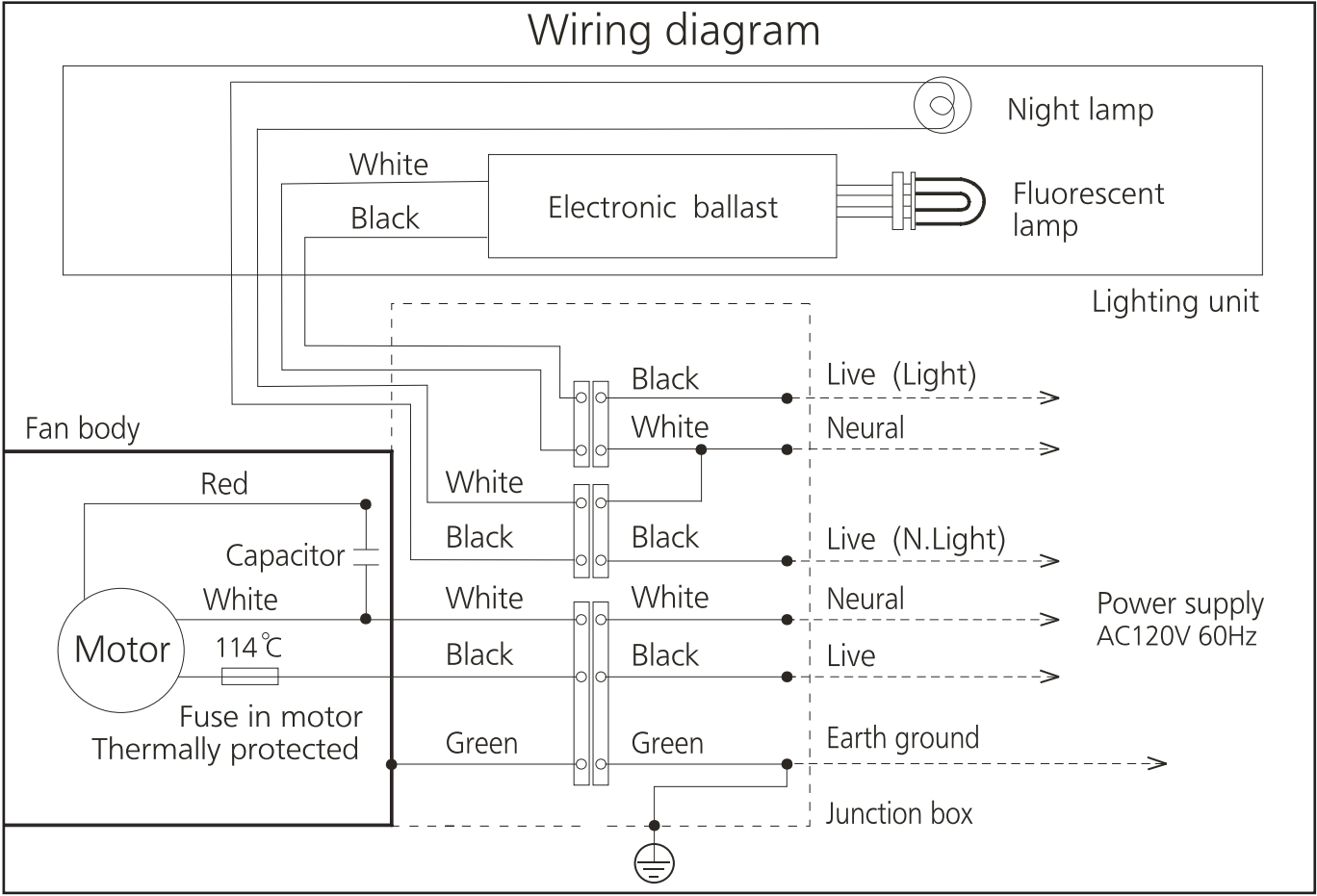
(For Reference)

## Packing Section



## 2 Wiring diagram

FV-08VSL2  
FV-10VSL2



### 3 Parts List

FV-08VSL2

#### Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFV0420024S	Bracket Cover	1	
2	FFV1600067S	Frame Assy.	1	
3	FFV0000102S	Adapter Assy.	1	
4	FFV0900020S	Connector Plate	1	For Fixing Lead Wire
5	FFV0900045S	Connector Assy.	1	⚠
6	FFV0900044S	Connector Assy.	1	⚠
7	FFV2800014S	Junction Box Cover	1	
8	FFV7020022S	Nut	1	For Fixing Blade, Can Replace The Original State
9	FFV4670002S	Blade Set Plate	1	For Fixing Blade
10	FFV5710021S	Set Plate	1	
11	FFV0400079S	Blade	1	
12	FFV7010036S	P-R Washer	1	
13	FFV3700235S	Motor Assy.	1	⚠
14	FFV3730039S	Motor Support	1	
15	FFV3402103S	Lead Wire	1	⚠
16	FFV0900021S	Connecting Plate	1	
17	FFV0790041S	Casing	1	
18	FFV0740007H	Cord Clip	1	
19	FFV3470001S	Butt Connector	1	⚠
20	FFV0750106S	Condenser	1	250V, 2.2uF ⚠
21	FFV0900024S	Connector	3	⚠
22	FFV0730021S	Cord	1	⚠
23	FFV3410037S	Lighting Unit Assy.	1	⚠
24	FFV3420005S	Night Lamp	1	⚠
25	FFV3420027S	Light Bulb	1	⚠
26	FFV3730105S	Motor Unit	1	⚠
27	FFV3400082S	Grille Assy.	1	
28	FFV5560017S	Spring	2	
29	FFV5560026S	Spring Set Plate	2	
30	FFV3410031S	Lamp Cover	1	
A	FFV7000018S	Truss Tap Screw	4	For Fixing Bracket Cover To Frame Assy.
B	FFV7000064S	Bind Screw	2	
C	FFV7000091S	Pan Tap Screw	2	For Fixing Connector Plate And Junction Box Cover
D	FFV7000168S	Screw Assy	2	For Fixing Lead Wire ⚠
E	FFV7000137S	Truss Screw	4	For Fixing Motor Assy. To Motor Support
F	FFV7000017S	Flush Tapping Screw	4	For Fixing Motor Support To Casing
G	FFV7000110S	Flush Head Screw	1	For Fixing Connecting Plate To Motor Support
H	FFV7000139S	Truss PC Screw	2	For Fixing Capacitor Box Cover
I	FFV7000138S	Truss Head Screw	3	For Fixing Casing To Motor Support

### 3 Parts List

FV-08VSL2

#### Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
J	FFV7000080S	Plus Truss Screw	4	For Fixing Casing To Frame Assy.
K	FFV7000099S	Truss Screw	1	For Fixing Cord Clip
L	FFV7000055S	Pan Tap Screw	2	For Fixing Spring Set Plate

#### Main Labels

No.	Part No.	Part Name	Q'ty	Remark
31	FFV5720015S	Scale Tape	1	Sticked On Frame Assy.
32	FFV6730062S	Wiring Plate	1	Sticked On Frame Assy.
33	FFV4020742S	Name Plate	1	Sticked On Frame Assy.
34	FFV0810010S	Caution Label	1	Sticked On Frame Assy.
35	FFV2260003S	Holograph Label	1	Sticked On Frame Assy.
36	FFV2260002S	HVI Mark	1	Sticked On Frame Assy.

#### Packing Section

No.	Part No.	Part Name	Q'ty	Remark
37	FFV2540134S	Installation Instruction	1	English,For USA/CA Market
38	FFV2540135S	Installation Instruction	1	Spanish,For USA Market
(38)	FFV2540136S	Installation Instruction	1	French,For CA Market
39	FFV0010206S	Accessory A	1	
40	FFV5710017S	Suspension Bracket III	1	
41	FFV5710018S	Suspension Bracket II	1	
42	FFV5710019S	Suspension Bracket I	1	
43	FFV4710346S	Grille Case Assy.	1	For Grille Assy. Packing,Not Include The Grille Assy.
44	FFV4710206S	Left Pad	1	Mark With "L"
45	FFV4710207S	Right Pad	1	Mark With "R"
46	FFV9001016S	Packing Case Assy.	1	

### 3 Parts List

FV-10VSL2

#### Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFV0420024S	Bracket Cover	1	
2	FFV1600067S	Frame Assy.	1	
3	FFV0000102S	Adapter Assy.	1	
4	FFV0900020S	Connector Plate	1	For Fixing Lead Wire
5	FFV0900045S	Connector Assy.	1	⚠
6	FFV0900044S	Connector Assy.	1	⚠
7	FFV2800014S	Junction Box Cover	1	
8	FFV7020022S	Nut	1	For Fixing Blade, Can Replace The Original State
9	FFV4670002S	Blade Set Plate	1	For Fixing Blade
10	FFV5710021S	Set Plate	1	
11	FFV0400079S	Blade	1	
12	FFV7010036S	P-R Washer	1	
13	FFV3702199S	Motor Assy.	1	⚠
14	FFV3730039S	Motor Support	1	
15	FFV3402103S	Lead Wire	1	⚠
16	FFV0900021S	Connecting Plate	1	
17	FFV0790041S	Casing	1	
18	FFV0740007H	Cord Clip	1	
19	FFV3470001S	Butt Connector	1	⚠
20	FFV0750200S	Condenser	1	AC250V, 3.3uF ⚠
21	FFV0900024S	Connector	3	⚠
22	FFV0730021S	Cord	1	⚠
23	FFV3410037S	Lighting Unit Assy.	1	⚠
24	FFV3420005S	Night Lamp	1	⚠
25	FFV3420027S	Light Bulb	1	⚠
26	FFV3730106S	Motor Unit	1	⚠
27	FFV3400082S	Grille Assy.	1	
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29	FFV5560026S	Spring Set Plate	2	
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### 3 Parts List

FV-10VSL2

#### Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
J	FFV7000080S	Plus Truss Screw	4	For Fixing Casing To Frame Assy.
K	FFV7000099S	Truss Screw	1	For Fixing Cord Clip
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#### Main Labels

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33	FFV4020743S	Name Plate	1	Sticked On Frame Assy.
34	FFV0810010S	Caution Label	1	Sticked On Frame Assy.
35	FFV2260003S	Holograph Label	1	Sticked On Frame Assy.
36	FFV2260002S	HVI Mark	1	Sticked On Frame Assy.

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(38)	FFV2540136S	Installation Instruction	1	French,For CA Market
39	FFV0010206S	Accessory A	1	
40	FFV5710017S	Suspension Bracket III	1	
41	FFV5710018S	Suspension Bracket II	1	
42	FFV5710019S	Suspension Bracket I	1	
43	FFV4710346S	Grille Case Assy.	1	For Grille Assy. Packing,Not Include The Grille Assy.
44	FFV4710206S	Left Pad	1	Mark With "L"
45	FFV4710207S	Right Pad	1	Mark With "R"
46	FFV9001017S	Packing Case Assy.	1	